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Appl. No. 10/791,855 Reply to FINAL Office Action of July 22, 2005 Amendt. dated September 28, 2005 Atty. Docket No. AP973US

SEP 2 8 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Christine Ann Scales and Pierre Simon Joseph Berini

Serial No: 10/791,855

Group Art Unit: 2811

Filed: March 4, 2004

Examiner: Owens, Douglas W.

For: Schottky Bar

Schottky Barrier Photodetectors

Customer No: 33361

Confirmation No: 5249

The Honorable Commissioner of Patents and Trademarks P.O. Box 1450 Alexandria, VA 22313-1450 U.S.A.

RESPONSE AND AMENDMENT

Sir:

This is a response to the FINAL Office Action mailed July 22, 2005. An Amendment of the above application is transmitted herewith.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Abstract begin on page 7 of this paper.

Remarks/Arguments begin on page 8 of this paper.

No additional fee is required

Respectfully submitted.

Date: 28 September 2005

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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (571) 273-8300, on the date shown below.

28th Rept. 00

Thomas Adams